

# **PUBLIC NOTICE**

**PERMIT APPLICATION:** NRS 05.266

**APPLICANT:** Tony Williams  
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423-490-0048

**LOCATION:** Proposed Posey Hollow Subdivision, Tributary to the Soddy Creek embayment of Chickamauga Reservoir, Soddy Daisy, Hamilton County, 35.3083 °N, -85.1478 W

**WATERSHED DESCRIPTION:** The project site is in the Middle Tennessee-Chickamauga watershed (HUC TN06020001) and characterized by increasing residential development. The tributary is not currently assessed for use support, but the Chickamauga Reservoir is assessed as fully supporting its fish and aquatic life designated use. The classified uses for the unnamed tributary are fish and aquatic life, recreation, livestock watering and wildlife, and irrigation. The intermittent tributary runs 1158 feet across the subject property and has a base width of 1 to 5 feet and a depth of 1 to 3 feet. The existing canopy varies from no canopy to forested with beetle and storm damaged trees. The typical substrate is soil and gravel. (Color photos of the existing stream are available on the Internet version of this notice at <http://www.state.tn.us/environment/wpc/wpcppo/arap>)

**PROJECT DESCRIPTION:** The purpose of the stream alterations is to facilitate the development of a residential subdivision. The upstream most 795 feet of this stream is proposed for relocation/encapsulation. Approximately 680 linear feet of open channel will be constructed, with a similar pattern and profile to the existing stream. An additional 200 linear feet of stream will be encapsulated in an 8'x 6' box culvert for a road crossing. The existing stream will have one 8" gravity sewer crossing and one storm water outfall installed in the stream bank.

In accordance with the Tennessee Antidegradation Statement (Rule 1200-4-3-.06), the division has determined that the proposed activity will not result in degradation to water quality.

**PERMIT COORDINATOR:** Juliana W. Kyzar

**USGS TOPOGRAPHIC QUADRANGLE:** Soddy 111 SW

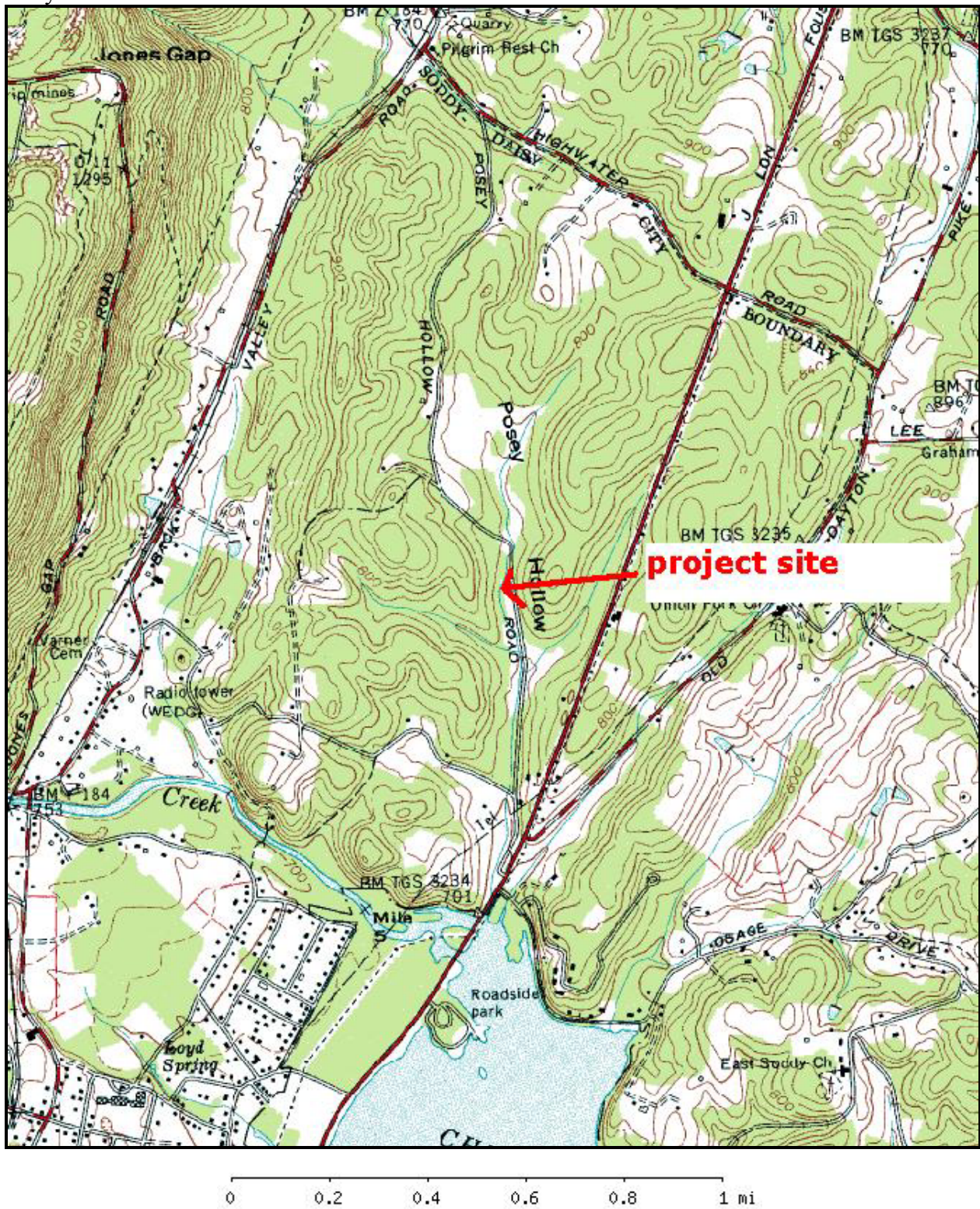


**Photo 1:** Stream channel entering property, June 29, 2005 photo by MAP engineering



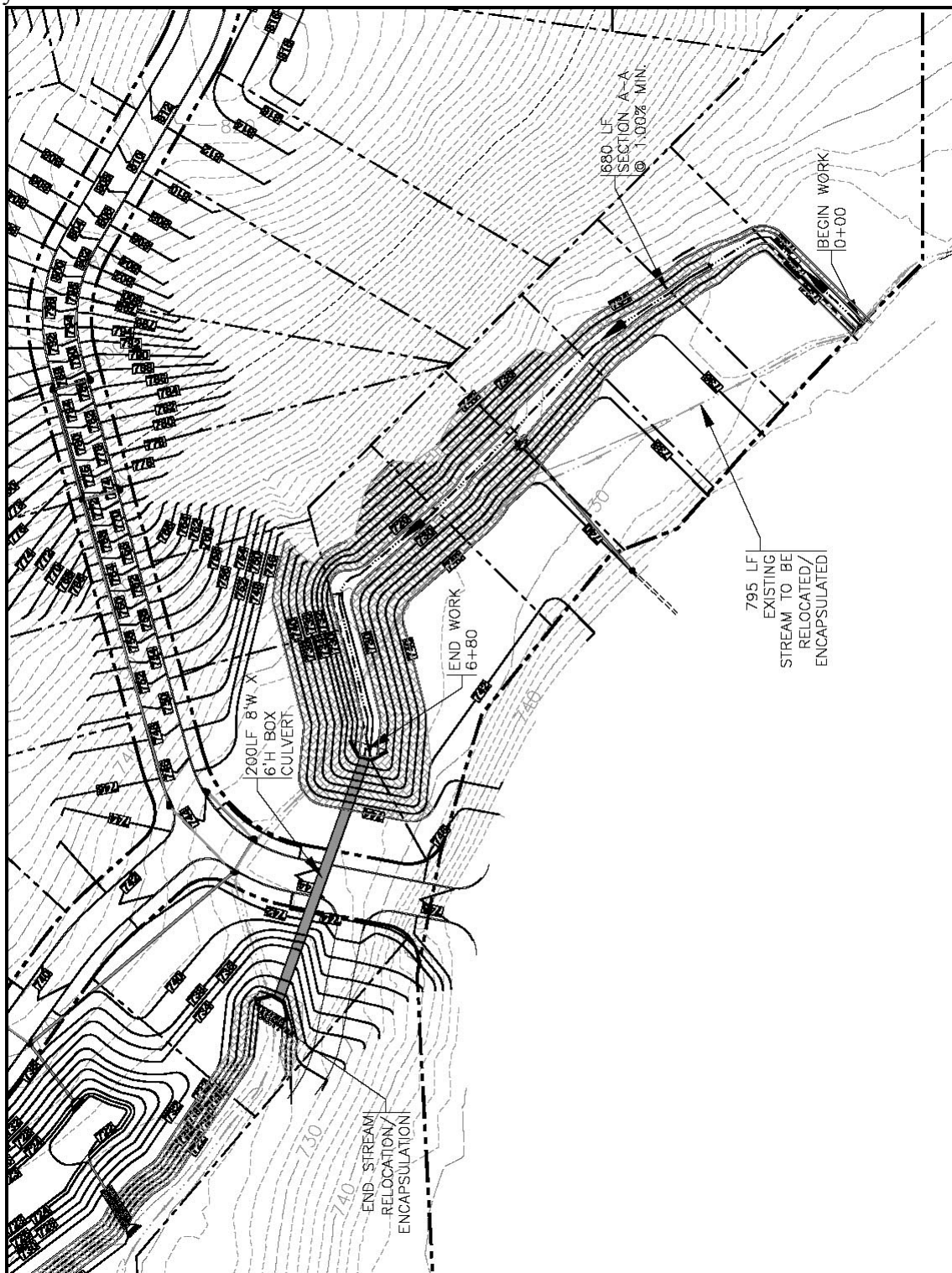
**Photo 2:** Stream channel in center of property, August. Photo by JWK





**Figure 1:** USGS 7.5-minute topographic map with project area indicated





**Figure 2:** Plan view showing existing stream, and proposed relocation and encapsulation

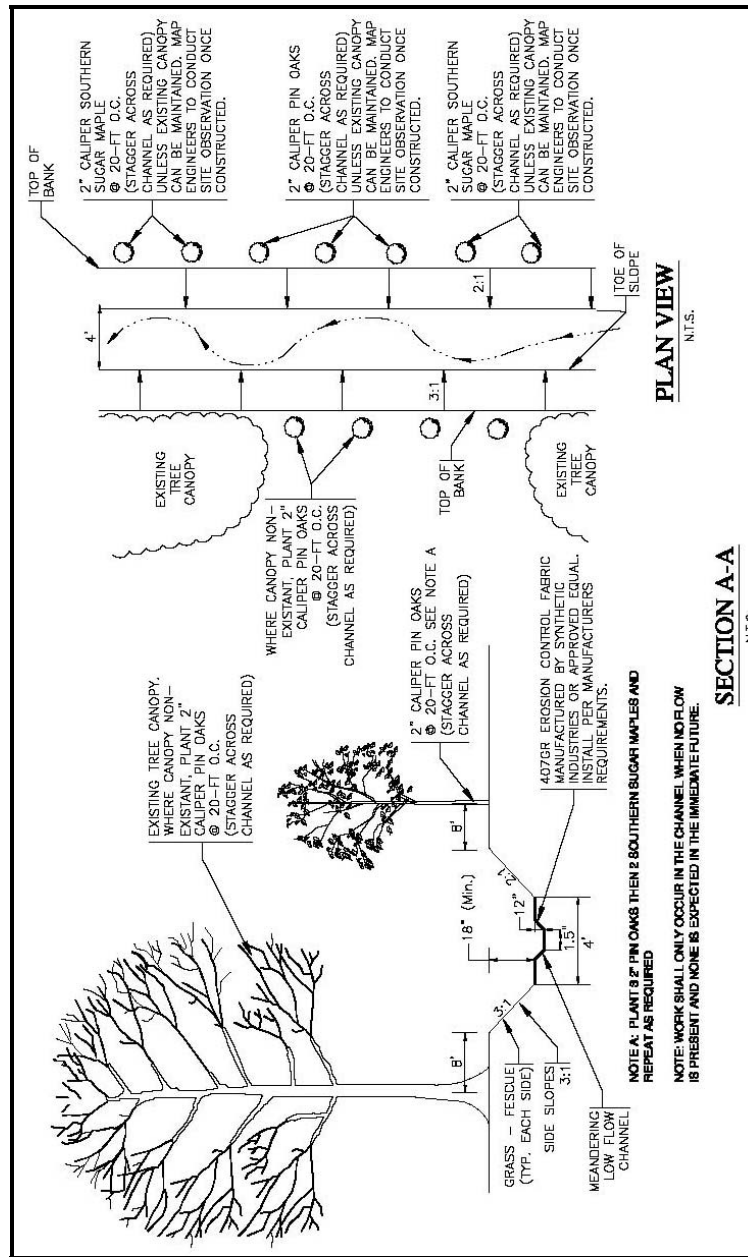


Figure 3: Plan view and cross section of proposed stream.

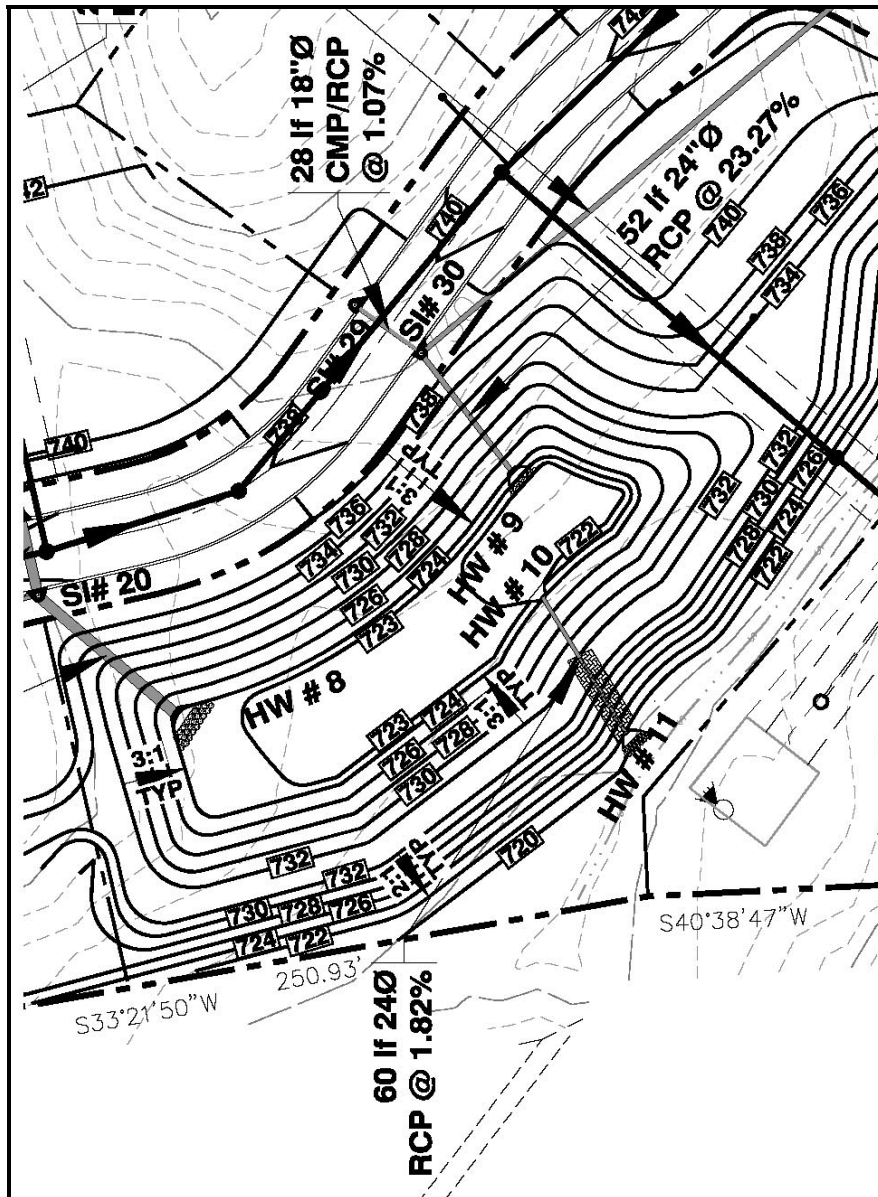


Figure 4: Plan view showing location of basin outfall.

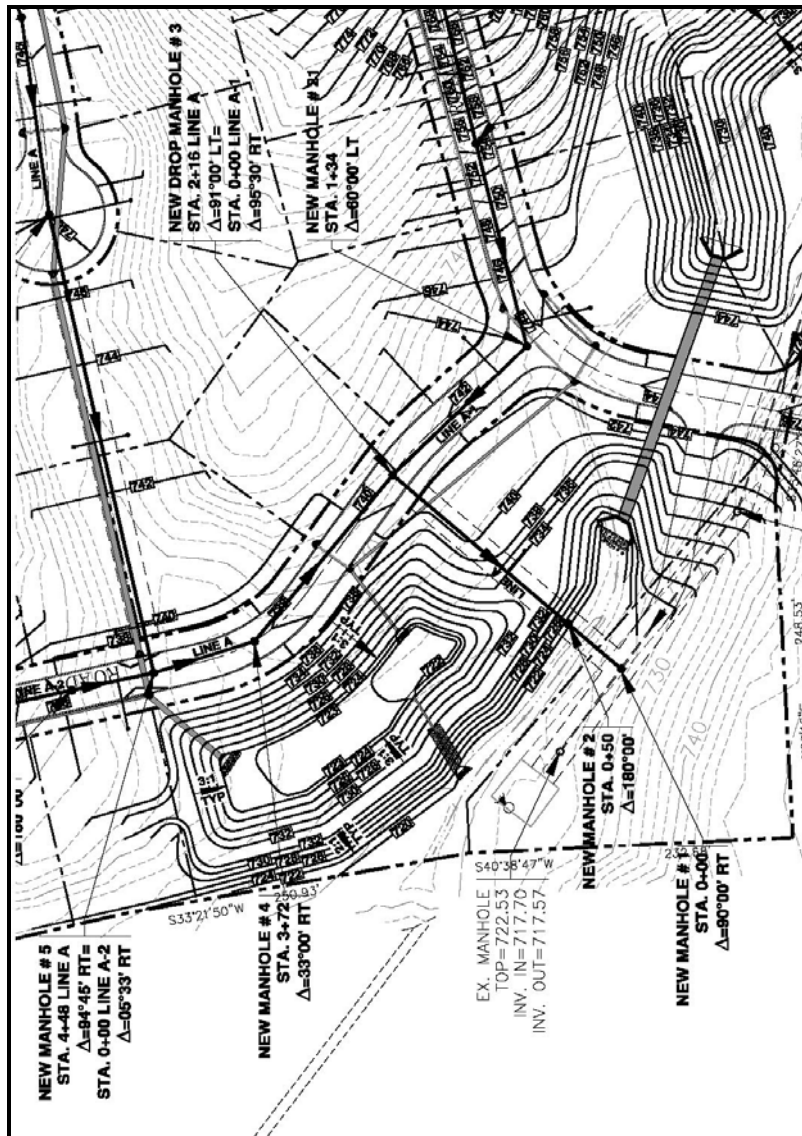


Figure 5: Plan view showing location of sewerline and manholes.

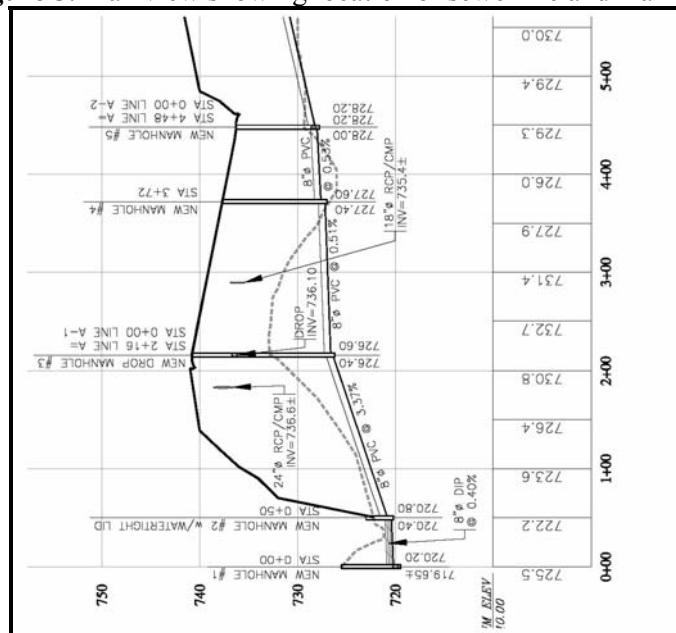


Figure 6: Showing sewer crossing of stream.